



Update: Hewlett's Creek Sewer Spill July 1, 2005

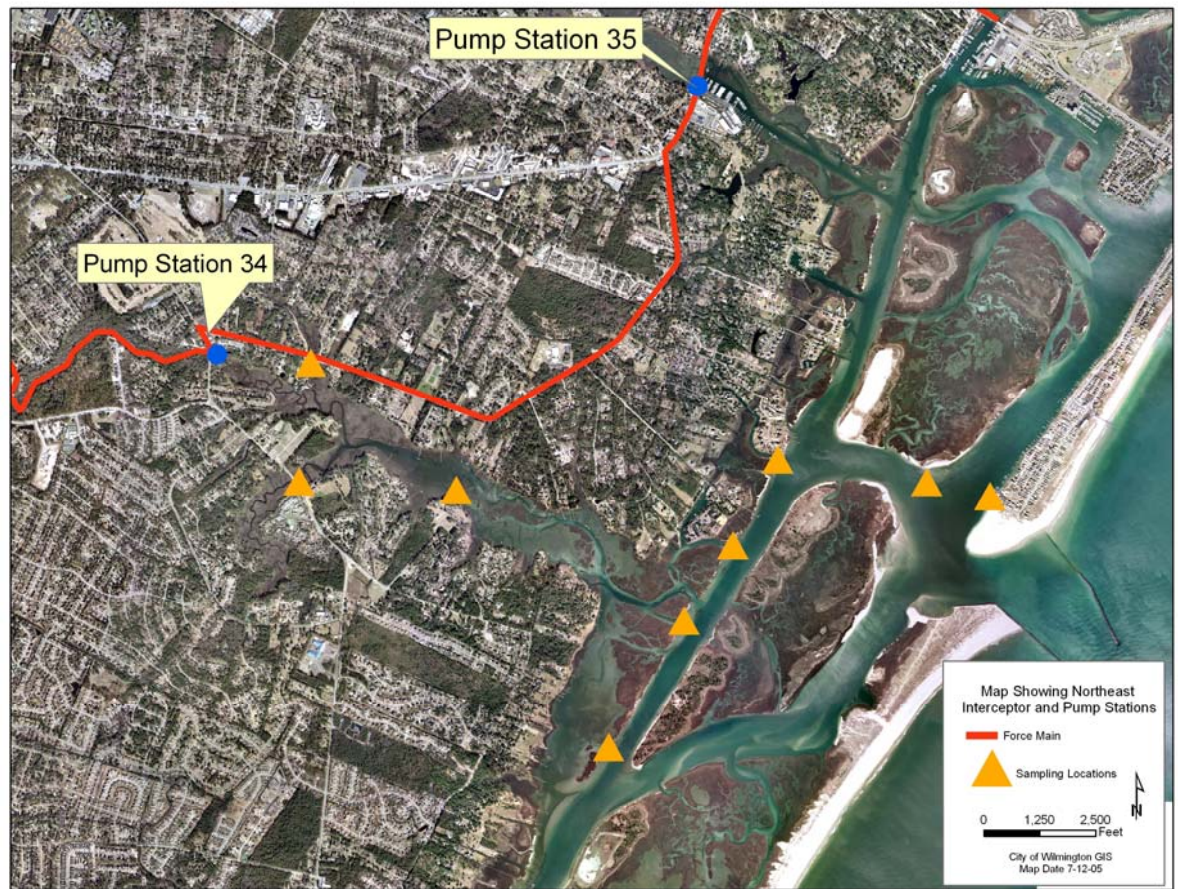
*Public Forum – City Hall
July 20, 2005*

Overview of the Northeast Interceptor Sewer System



Overview of the Northeast Interceptor Sewer System

- ❖ Constructed in 1984/85
- ❖ Enabled Wrightsville Beach to close their Wastewater Treatment Plant (WWTP)
- ❖ Two pump stations and approximately nine miles of pipeline
- ❖ Transports sewage to the Southside WWTP



System Improvements since Initial Construction



- ❖ Odor Corrosion System
- ❖ Pump capacity/ redundancy and control systems
- ❖ Standby power
- ❖ Spill control berm
- ❖ Pipeline replacement
- ❖ Line pigging ports

Maintenance and Inspection

- ❖ Pump Stations inspected daily
- ❖ Computerized preventive maintenance program
- ❖ SCADA monitoring and control system

Future Improvements in Capital Program

- ❖ Replace pump control system
- ❖ Additional pumping capacity
- ❖ Additional Pipeline

Timeline of Events of July 1, 2005

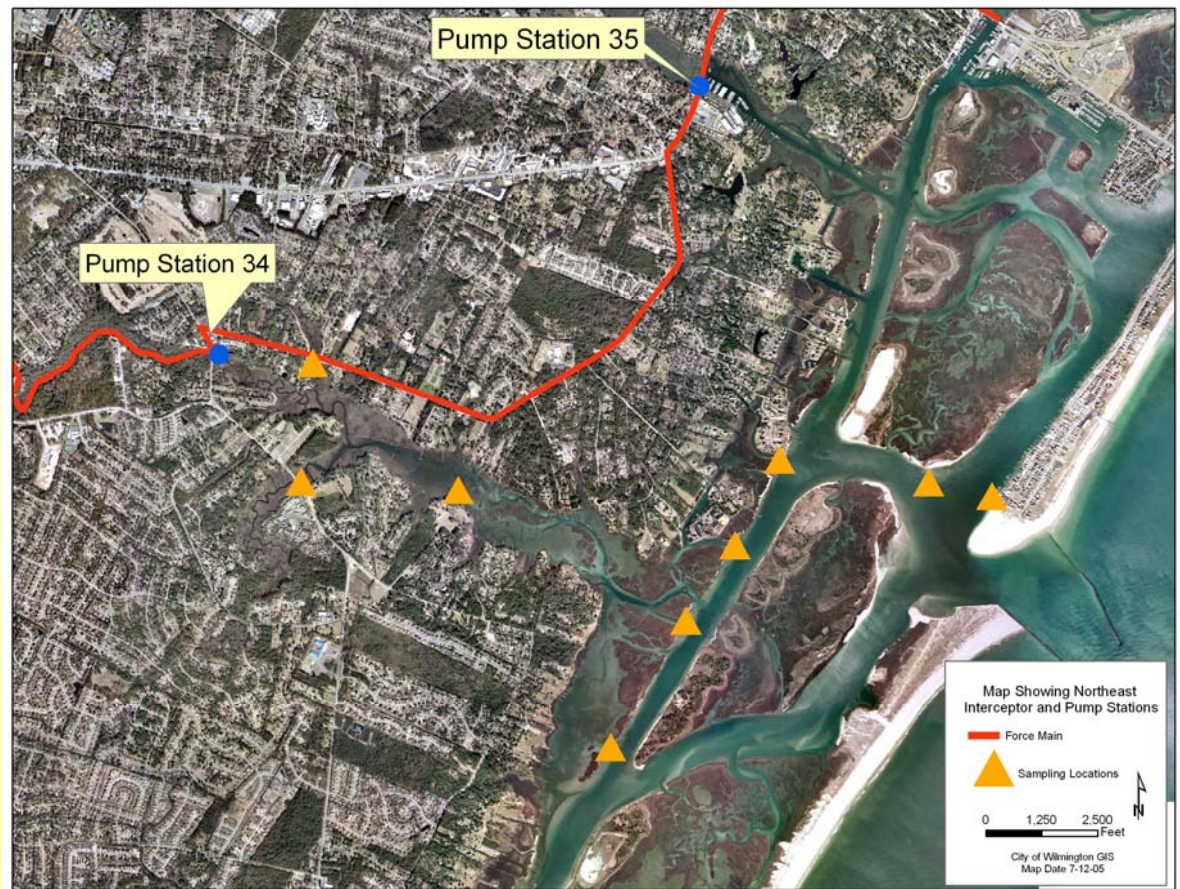
6:22 am	911 Center calls City Emergency number
6:24 am	Standby staff person paged
6:35 am	Standby staff responds and learns of spill
7:10 am	Standby staff arrives and makes assessment
7:30 am	Repair force and equipment mobilized
7:30-8:00 am	New Hanover County and Wrightsville Beach utilities staff notified

Timeline of Events of July 1, 2005

8:23 am	NC Division of Water Quality (DWQ) notified
8:30 am	City Manager's Office notified
8:30 am	TV news media arrive on site
9:00 am	DWQ officials arrive on site
10:00 am	Pump Station shut down
1:00 pm	City issues press release
2:00 pm	Cause determined and repairs begin
5:45 pm	City issues second press release
10:30 pm	Repairs complete

Follow-up Activities

- ❖ July 2, 2005 – UNCW and DWQ begin collecting samples
- ❖ July 5, 2005 – Spill report submitted to DWQ
- ❖ July 9, 2005 – Public Notice published
- ❖ July 11, 2005 – Swimming advisory lifted for adjacent waters



Lessons Learned and Recommended Actions

- ❖ Earlier News Release
- ❖ City will continue cooperation with DWQ
- ❖ Low flow alarm
- ❖ Follow-up inspection and evaluation of repair
- ❖ Additional pipeline project
- ❖ Internal and external critique
- ❖ Public meeting
- ❖ Follow-up report to DWQ